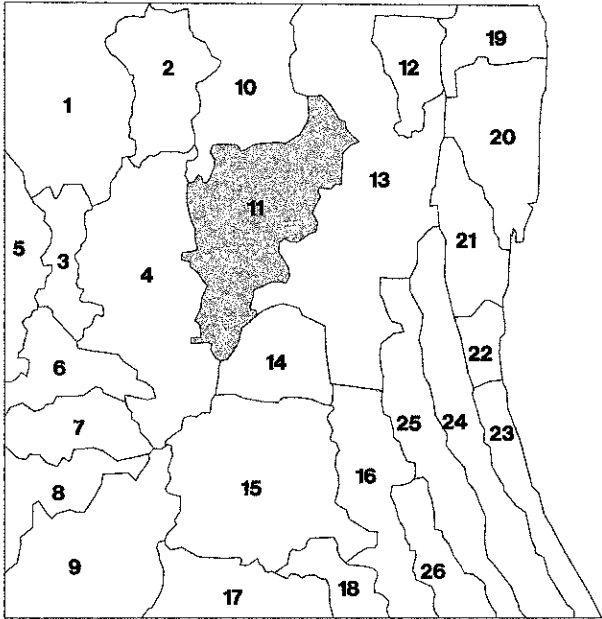


DRAINAGE BASINS OF LAKE COUNTY



- I. FOX RIVER WATERSHED
1. UPPER FOX RIVER
2. SEQUOIA CREEK
3. FISH LAKE DRAIN
4. SQUAW CREEK
5. LOWER FOX RIVER
6. MUTTON CREEK
7. SLOOM LAKE DRAIN
8. TOWER LAKE DRAIN
9. FLINT CREEK
- II. DES PLAINES RIVER WATERSHED
10. NORTH MILL CREEK
11. MILL CREEK
12. NEWPORT DRAINAGE DITCH
13. UPPER DES PLAINES RIVER
14. BULL CREEK
15. INDIAN CREEK
16. LOWER DES PLAINES RIVER
17. BUFFALO CREEK
18. APTAKISIC CREEK
- III. LAKE MICHIGAN WATERSHED
19. KELLOGG CREEK
20. DEAD RIVER
21. WAUKEGAN RIVER
22. PETTIBONE CREEK
23. BLUFF / Ravine
- IV. CHICAGO RIVER WATERSHED
24. SKOKIE RIVER
25. MIDDLE FORK
26. WEST FORK

LAKE COUNTY SMC

TYPICAL CONSTRUCTION SEQUENCING

- 1.) INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
 - A.) SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - B.) SILT FENCE INSTALLATION
 - C.) CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
 - D.) STABILIZED CONSTRUCTION ENTRANCE
 - 2.) TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
 - 3.) CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS...)
 - 4.) CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR & TEMPORARY PERFORATED RISER
 - 5.) STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
 - 6.) TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
 - 7.) INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
 - 8.) PERMANENTLY STABILIZE DETENTION BASINS WITH SEED AND EROSION CONTROL BLANKET
 - 9.) TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
 - 10.) INSTALL ROADWAYS
 - 11.) PERMANENTLY STABILIZE ALL OUTLOT AREAS
 - 12.) INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS
 - 13.) PERMANENTLY STABILIZE LOTS
 - 14.) REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION
- * SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT

SEDIMENTATION AND EROSION CONTROL NOTES

- A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- C. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE.
- D. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.
- E. EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- F. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- H. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- I. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. THIS WORK SHALL BE INCLUDED IN THE "STABILIZED CONSTRUCTION ACCESS" PAY ITEM.
- J. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.
- K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (e.g. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
- L. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

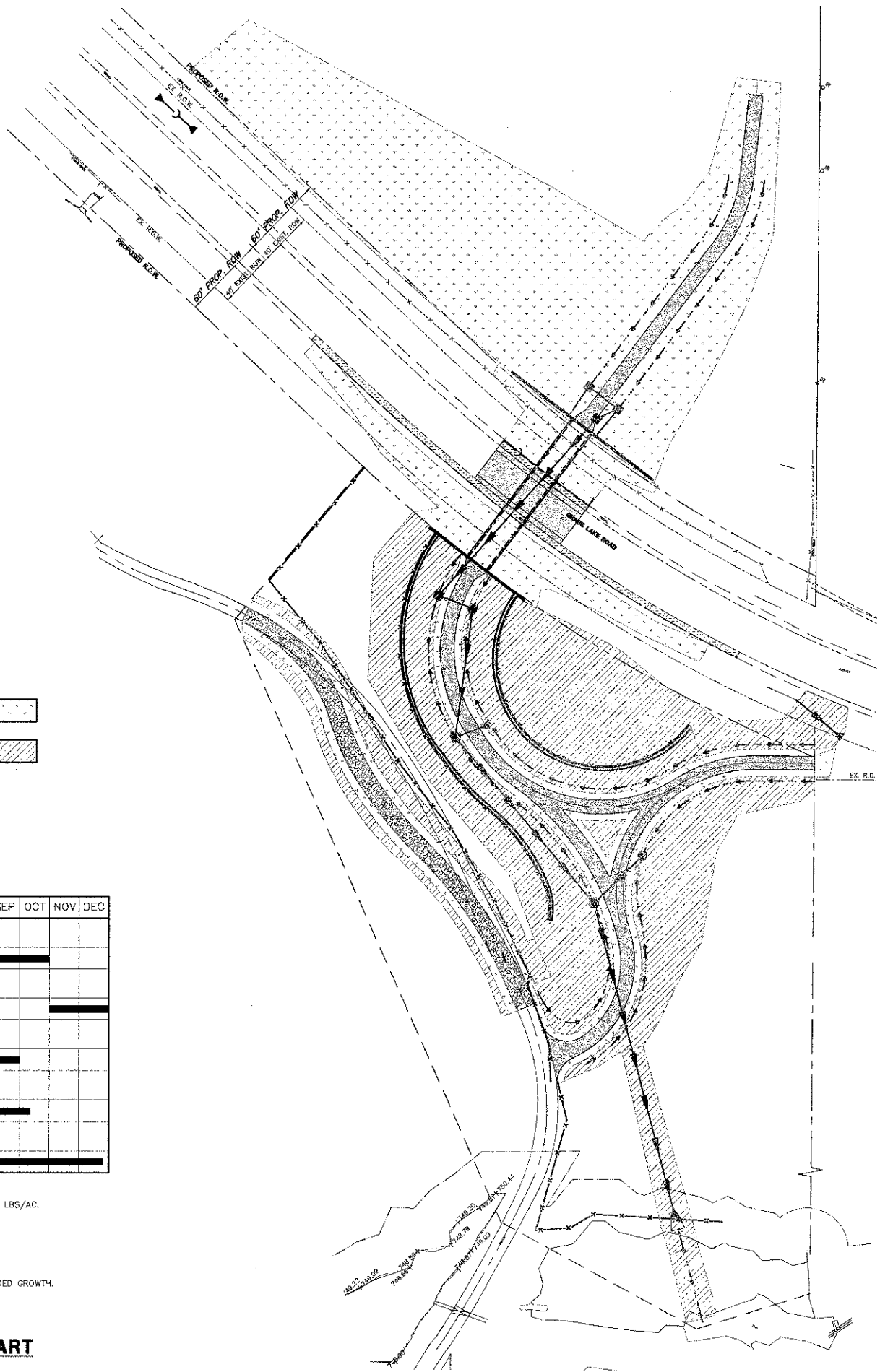
SEEDING LEGEND

- SEEDING, CLASS 2 (MODIFIED)
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET
- SEEDING, CLASS 3 (MODIFIED)
TOPSOIL FURNISH AND PLACE, 4"
EROSION CONTROL BLANKET

Stabilization Type:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Permanent Seeding			A		X	X	X	X	X	X		
Dormant Seeding		B										
Temporary Seeding			C		X	X	X	X	X	X		
Sodding			E	X	X	X						
Mulching	F											

- A = MODIFIED 190T SEEDING CLASS AS NOTED (SEE SEEDING SPECIAL PROVISION)
- B = KENTUCKY BLUEGRASS @ 135 LBS/AC. MIXED WITH PERENNIAL RYEGRASS @ 45 LBS/AC.
- C = SPRING CATS @ 100 LBS/AC.
- D = WHEAT OR CEREAL RYE @ 150 LBS/AC.
- E = SOD
- F = STRAW MULCH (HYDROMULCH OR USE STRAW BLANKET) @ 2 TONS/AC.
- XXX = IRRIGATION NEEDED
- IRRIGATION SHOULD BE PROVIDED AS NECESSARY TO THOROUGHLY ESTABLISH INTENDED GROWTH.
- NOTE:
SPRAYED ON PRODUCTS CANNOT BE USED NOV.-FEB.

TYPICAL SOIL PROTECTION CHART



FILE NAME = 4536.705-PRS.dwg

USER NAME = DAN STRAHAN

DESIGNED - DJS

REVISED - 9-7-12

DRAWN - PJS

REVISOR - 10-19-12

PLOT SCALE = 1:1

CHECKED - TPG

REVISOR - 12-17-12

PLOT DATE = 5/28/2012

DATE - 5-29-12

REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL EROSION/SEDIMENT CONTROL PLAN
GRASS LAKE ROAD BIKE PATH UNDERPASS

SCALE: 1"=100'

SHEET NO. 2 OF 2 SHEETS

STA.

TO STA.

FAU
RTE.

0174

SECTION

09-P0075-15-BT

COUNTY

LAKE

TOTAL
SHEETS

74

SHEET
NO.

15A

CONTRACT #:

63778

ILLINOIS FED. AID PROJECT